

DRAWINGS

FOR

UNITED STATES LETTERS PATENT

TITLE: EARLY SUPPRESSION FAST RESPONSE FIRE PROTECTION
SPRINKLER

APPLICANT: MICHAEL A. FISCHER

FIGURES: 1 - 10

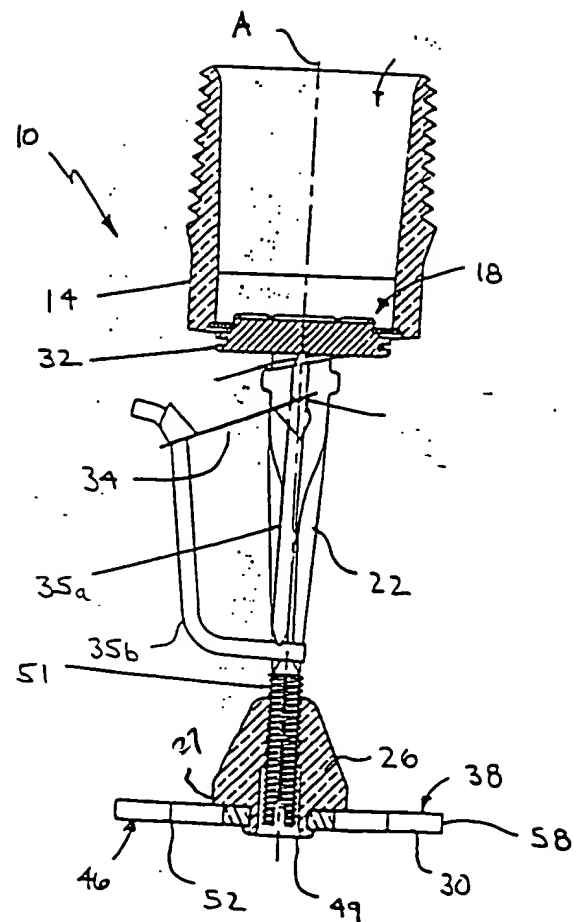
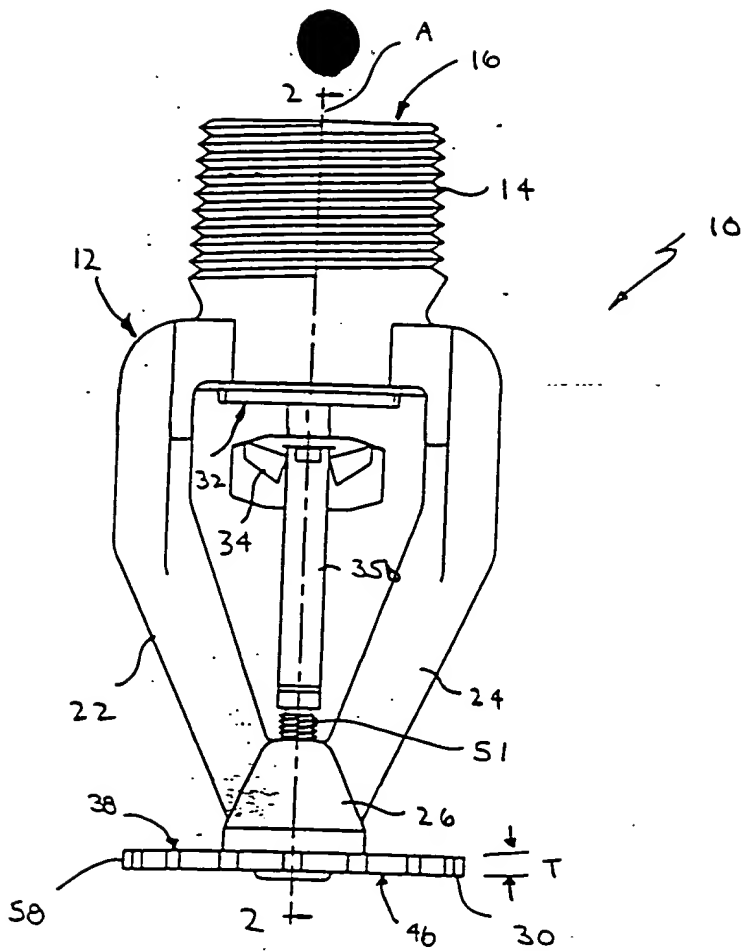
SHEETS: 1 - 7

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Date of Deposit

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Kristy Cioffi
Kristy Cioffi



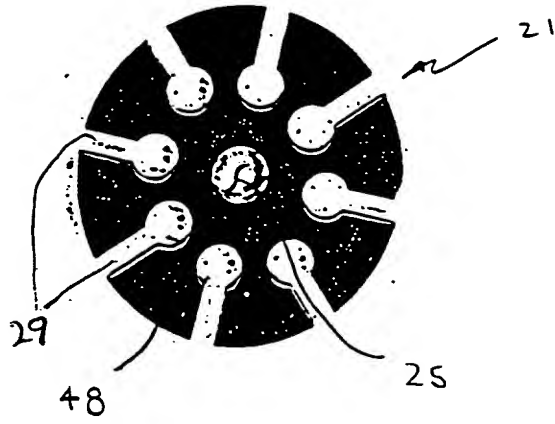
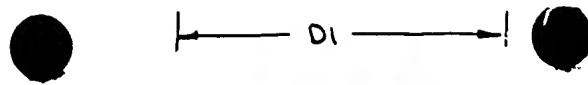


Fig. 3

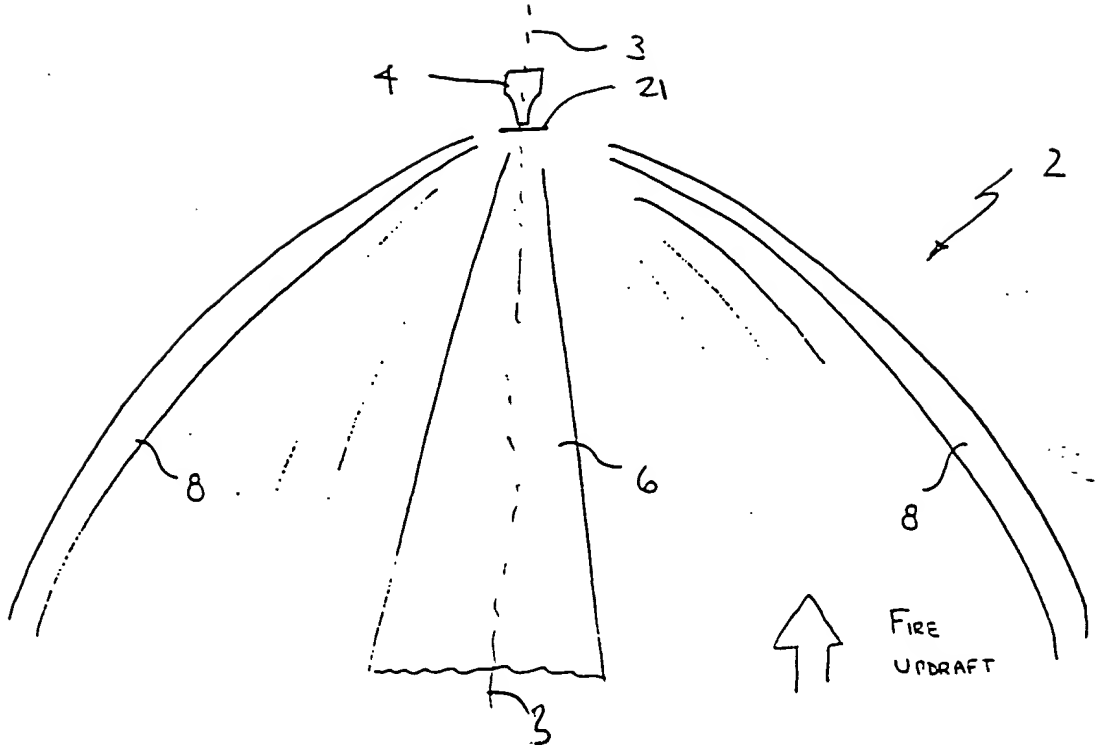
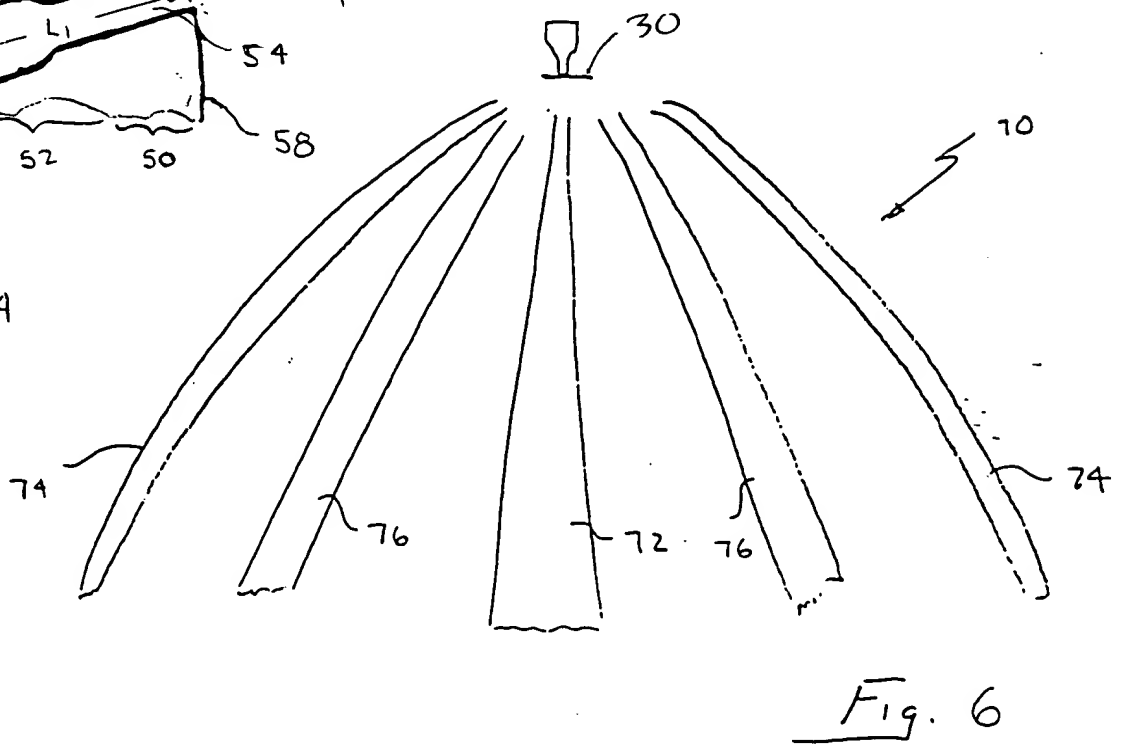
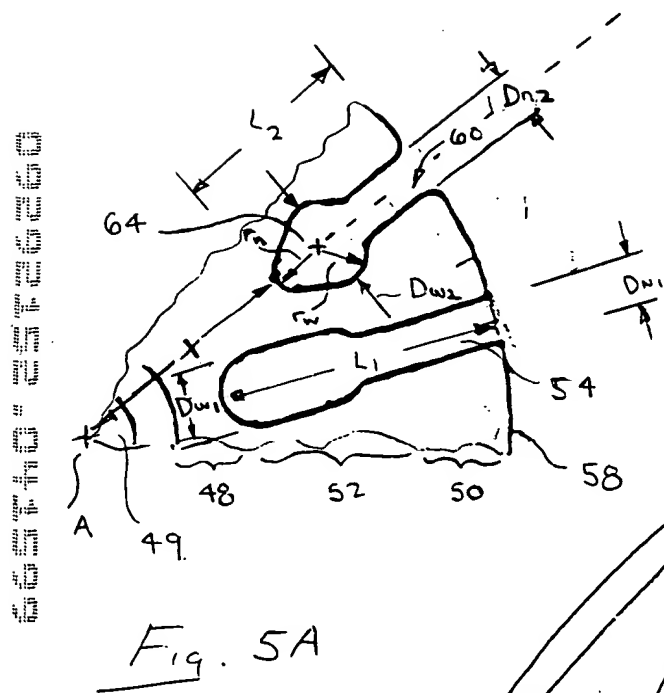
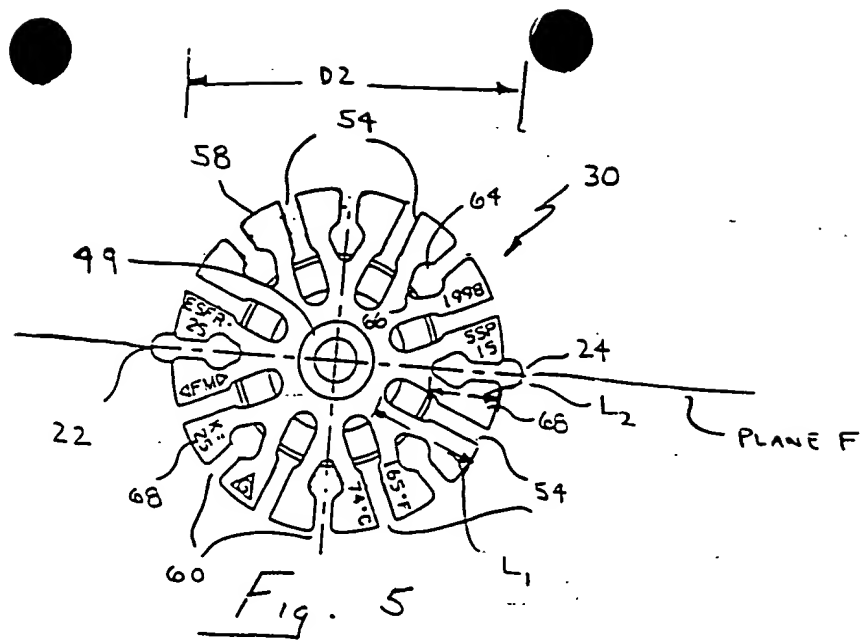


Fig. 4



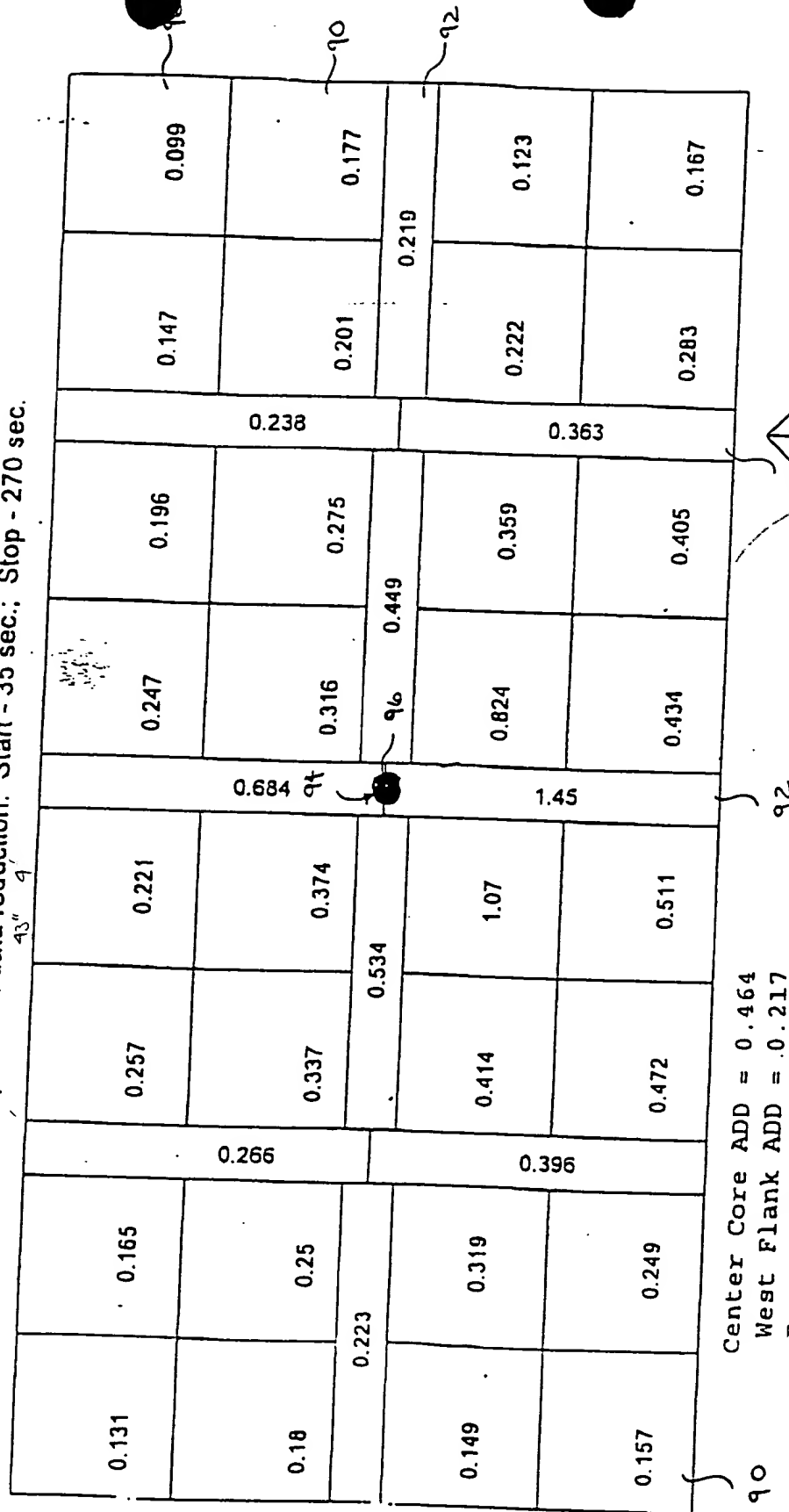
Grin-K25-1P1s-15ft p-c-(12-2)100gpm-16psi-nf

9/26/97 07:48 SCANS= 296, J I No. = OD0R9.PR

- # 0127

69 F

Time period of data reduction: Start - 35 sec.; Stop - 270 sec.



Center Core ADD = 0.464
 West Flank ADD = 0.217
 East Flank ADD = 0.195
 N-W Qaud. ADD = 0.297
 N-E Qaud. ADD = 0.258
 S-E Qaud. ADD = 0.505
 S-W Qaud. ADD = 0.617

Fig. 7 - P_{vis} A_{vt}

66773 66773

Grin-K25-1P1s-15ft p-c -(12-2)100gpm-16psi-2000kw

-- # 0128

9/26/97 08:00 SCANS= 268, J I No. = 0D0R9.PR 69 F

Time period of data reduction: Start - 95 sec.; Stop - 202 sec.

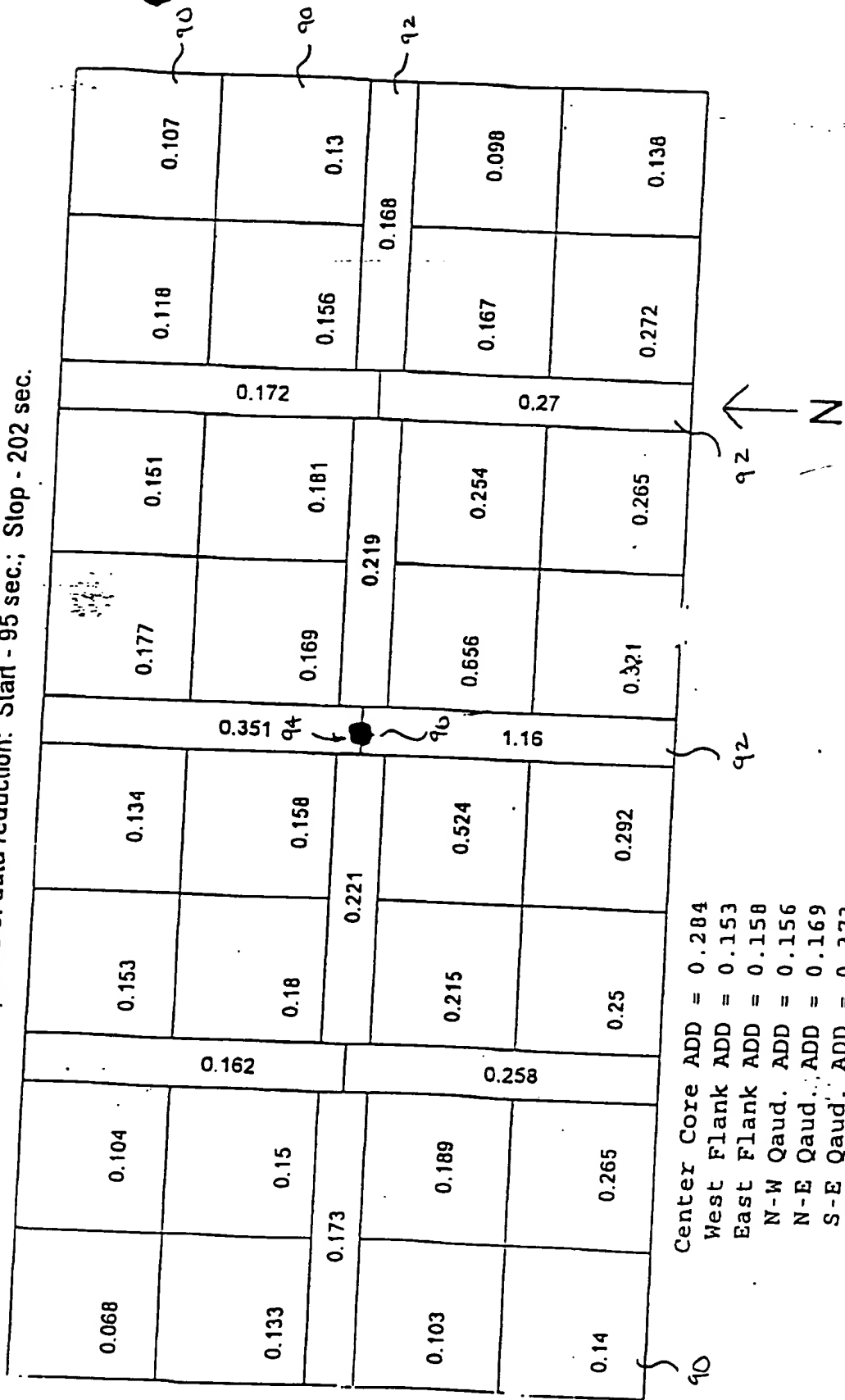


Fig. 8 - River Act

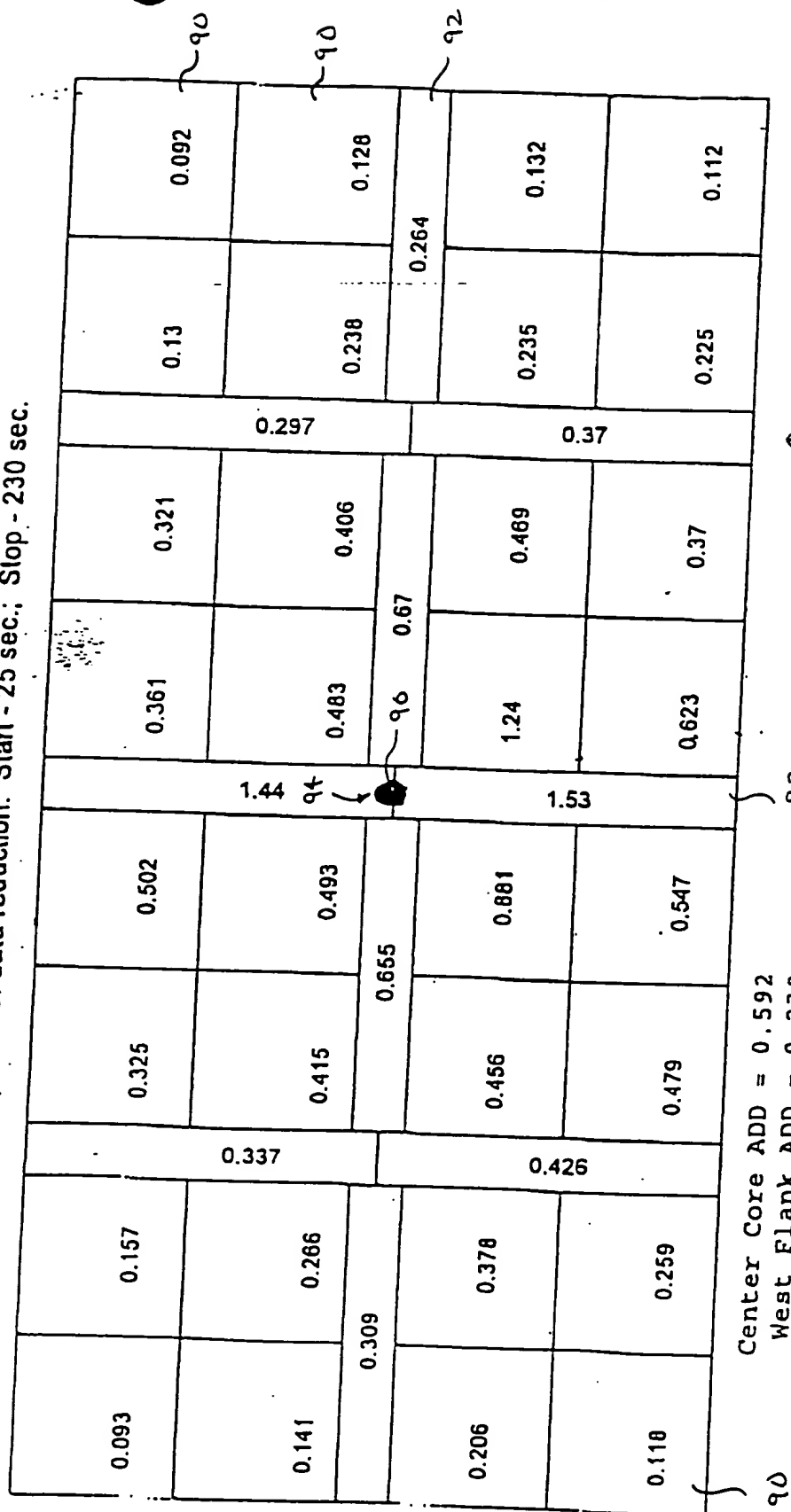
Grin-K25-1P1s-15ft p-c 100gpm-16psi-X11

9/25/97 12:08 SCANS= 256, J I No. = 000R9.PR

- #0115

69 F

Time period of data reduction: Start - 25 sec.; Stop - 230 sec.



Center Core ADD = 0.592
 West Flank ADD = 0.230
 East Flank ADD = 0.189
 N-W Qaud. ADD = 0.433
 N-E Qaud. ADD = 0.392
 S-E Qaud. ADD = 0.676
 S-W Qaud. ADD = 0.590

Fig. 9

--#0116

9/25/97 13:05 SCANS= 386, J I No. = 0D0R9.PR

69 F

Time period of data reduction: Start - 65 sec.; Stop - 350 sec.

